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🔍 Title: **JP2001240799A2: FILM-FORMING COMPOSITION, ITS PREPARA
PROCESS AND INSULATING FILM-FORMING MATERIAL**

🔍 Country: **JP Japan**🔍 Kind: **A2 Document Laid open to Public inspection**

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🔍 Published / Filed: **2001-09-04 / 2000-02-28**🔍 Application **JP2000000052018**

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🔍 Abstract: **PROBLEM TO BE SOLVED:** To provide a coating composition yielding a coated film which has a uniform thickness and has an excellent hardness, crack resistance and CMP resistance and a low dielectric constant.

SOLUTION: A film-forming composition contains, based on 100 pts.wt. silicon compounds (A) of formulae (1): $R1aSi(OR2)4-a$ and (2): $R3b(R4O)3-bSi-(R7)d-Si(OR5)3-cR6c$, from 0.0005 to 0.05 pts.wt. metal chelated compound (B) of formula (3): $R8eM(OR9)f-e$ wherein R1 is hydrogen, fluorine or a monovalent organic group; R2, R3, R4, R5 and R6 are each a monovalent organic group; a, b and c are each an integer of 0-2; R7 is an oxygen atom or a $-(CH2)m-$ group; m is 1-6; d is 0 or 1; R8 is a chelating agent; M is a metal atom; R9 is a 2-5C alkyl group or a 6-20C aryl group; e is a valence number of the metal M; and f is integer of from 1 to e.

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🔍 Family: **None**

🔍 Other Abstract Info: **CHEMABS 135(15)212044Y CHEMABS 135(15)212044Y**

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